

03050204-070
(Roberts Swamp)

General Description

Watershed 03050204-070 is located in Orangeburg County and consists primarily of *Roberts Swamp* and its tributaries. The watershed occupies 21,741 acres of the Upper and Lower Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Dothan-Fuquay-Noboco series. The erodibility of the soil (K) averages 0.12; the slope of the terrain averages 3%, with a range of 0-6%. Land use/land cover in the watershed includes: 0.01% urban land, 40.95% agricultural land, 12.96% scrub/shrub land, 0.96% barren land, 30.50% forested land, 13.82% forested wetland (swamp), and 0.80% water.

Roberts Swamp flows through Twin Lakes and accepts drainage from Deadfall Swamp and Twomile Swamp, before flowing past the Town of Cope and into the South Fork Edisto River (03050204-050). There are a total of 40.9 stream miles in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-592	BIO	FW	ROBERTS SWAMP AT SR 690
E-039	W	FW	ROBERTS SWAMP AT SC 332

Roberts Swamp - There are two monitoring sites along Roberts Swamp, which was Class B until April, 1992. At the upstream site (E-592), aquatic life uses are partially supported based on macroinvertebrate community data. Aquatic life and recreational uses are fully supported at the downstream site (E-039).

A fish consumption advisory has been issued by the Department for mercury and includes the streams within this watershed (see advisory p.31).

Permitted Activities

Point Source Contributions

There are currently no point source dischargers in this watershed.

Growth Potential

The SCE&G Cope Power Plant, near the Town of Cope, may provide some growth in the watershed.